

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of claims:

1. (previously presented) A carpet comprising a stainproof-treated textile, wherein the carpet has a stainproof ratio defined below of at least 30 %:

Stainproof ratio (%) = $100 \times (\Delta E_N - \Delta E_{Tn}) / E_N$, wherein

ΔE_N is the color difference after a stainproof test of untreated carpet;

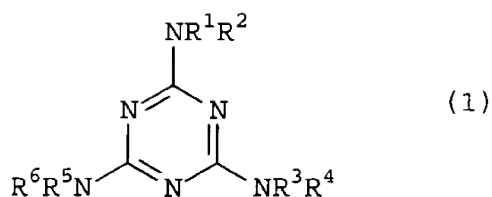
ΔE_N is the color difference after a stainproof test of carpet treated by the stainproof agent; and

n is the number of cleanings conducted according to AATCC-138 and $n \leq 20$;

wherein the carpet is treated with a stainproofing agent composition for carpet consisting essentially of:

(1) a fluorine-containing stainproofing agent consisting essentially of a fluoroalkyl-containing compound; and

(2) a triazine ring-containing crosslinking agent represented by formula (1)



wherein R^1 to R^6 are the same or different and represent $-\text{H}$, $-\text{OH}$, $-\text{CH}_2\text{OCH}_3$, $-\text{CH}_2\text{OH}$, $-\text{CH}_2\text{CH}_2\text{OH}$, $-\text{CH}_2\text{CH}_2\text{CH}_2\text{OH}$, or $\text{CH}_2\text{OC}_2\text{H}_5$; and

(3) at least one of a catalyst and an additive,

wherein the catalyst is selected from the group consisting of organic carboxylic acids; organic carboxylates between the organic carboxylic acids and ammonium, sodium, or potassium; inorganic acids; inorganic acid salts between the inorganic acids and ammonium, sodium, potassium, magnesium, zinc, aluminum, or iron; and

wherein the additive is selected from the group consisting of insect repellents, flame retardants, antistatic agents, dye fixing agents, wrinkle inhibitors, softeners and stain block agents which inhibit adhesion of acid dye.

2. (original) The carpet according to claim 1 wherein the carpet maintain stainproof ratio of at least 30 % after five times of cleaning.

3. (withdrawn - currently amended) The carpet according to claim 1 wherein a dry soil composition used in the stainproof test according to AATCC-123 is shown in the following table:

<u>Composition</u>	<u>Content (% by weight)</u>
Peat moss	38.4
Cement	18
Kaoline	18
Silica	18
Carbon black	1.15
Iron oxide	0.3
<u>Nujol</u>	<u>6.25</u>

4. (canceled).

5. (currently amended) The carpet according to claim 1 wherein the fluorine-containing stainproofing agent ~~comprising~~ consisting essentially of a fluoroalkyl-containing compound ~~comprises~~ has at least one member selected from the group consisting of fluoroalkyl-containing maleic acid diester copolymer, fluoroalkyl-containing adipic acid diester compound and fluoroalkyl-containing urethane compound.

6. (withdrawn) A stainproofing agent composition for carpet comprising:

- (1) a fluorine-containing stainproofing agent comprising a fluoroalkyl-containing compound; and

(2) a triazine ring-containing crosslinking agent.

7. (withdrawn) The stainproofing agent composition according to claim 6 wherein the fluorine-containing stainproofing agent comprising a fluoroalkyl-containing compound comprises at least one selected from the group consisting of fluoroalkyl-containing maleic acid diester copolymer, fluoroalkyl-containing adipic acid diester compound and fluoroalkyl-containing urethane compound.

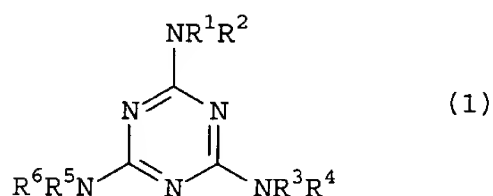
8. (withdrawn) A method for treating carpet with the stainproofing agent composition for carpet according to claim 6.

9. (withdrawn - currently amended) The stainproofing agent composition for carpet according to ~~elaims~~claim 6 which further comprises at least one member selected from the group consisting of PEG and a copolymer comprising:

- (1) at least one monomer selected from the group consisting of acrylate and methacrylate which have a polyoxyethylene chain; and
- (2) at least one reactive monomer selected from the group ~~consisting~~ consisting of glycerol methacrylate and glycidyl methacrylate.

10. (previously presented) A carpet treated with a stainproofing agent composition, consisting essentially of:

- (1) a fluorine-containing stainproofing agent consisting essentially of a fluoroalkyl-containing compound and
- (2) a triazine ring-containing crosslinking agent represented by formula (1)



wherein R^1 to R^6 are the same or different and represent $-\text{H}$, $-\text{OH}$, $-\text{CH}_2\text{OCH}_3$, $-\text{CH}_2\text{OH}$, $-\text{CH}_2\text{CH}_2\text{OH}$, $-\text{CH}_2\text{CH}_2\text{CH}_2\text{OH}$, or $\text{CH}_2\text{OC}_2\text{H}_5$.

11. (withdrawn - currently amended) ~~The method according to claim 8~~ A method of treating a carpet with a stainproofing agent wherein the carpet is treated with the stainproofing agent composition according to claim 9.

12. (original) The carpet according to claim 1 which is blue with $\text{L}=40$ to 80 ; $\text{a}=+0.1$ to -0.8 ; and $\text{b}=-13$ to -25 .

13. (original) The carpet according to claim 1 which maintains a stainproof ratio of at least 20% after recontamination when the

carpet is subjected to a test cycle of contamination, cleaning and recontamination.

14. (currently amended) ~~The~~ A carpet treated with a ~~the~~ stainproofing agent composition, which consists essentially of

(1) a fluorine-containing stainproofing agent consisting essentially of a fluoroalkyl-containing compound and

(2) a triazine ring-containing crosslinking agent, and at least one of PEG and a copolymer consisting essentially of:

(3) at least one monomer selected from the group consisting of acrylate having a polyoxyethylene chain and methacrylate having a polyoxyethylene chain; and

at least one reactive monomer selected from the group consisting of glycerol methacrylate and glycidyl methacrylate.